

ABSTRACT

IMMUNIZING COMPOSITIONS AND METHODS OF USE

The present invention provides compositions including siderophore receptor polypeptides and porins from gram negative microbes, and preferably, lipopolysaccharide at a concentration of no greater than about 10.0 endotoxin units per milliliter. The present invention also provides methods of making and methods of using such compositions.

"EXPRESS MAIL" MAILING LABEL NUMBER 62880272759116
DATE OF DEPOSIT 1-3-02
I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE
UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE"
SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO
THE ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
PRINTED NAME Gara Ladwig
SIGNATURE Gara Ladwig